

## Restoration projects are often long term projects

Restoration projects are divided in 4 phases:

- ❑ Preliminary Assessment/Site Investigation (PA/SI)
- ❑ Feasibility Study (RSFS)
- ❑ Remedial Design (RD)
- ❑ Remedial Action (RA)

In FY 04 *Preliminary Assessment/Site Investigations (PA/SI)* were carried out on almost all of the installations in the 417th BSB. There was suspicion of underground contamination (in soil and groundwater) at these sites.



Identifying hazardous soil contamination APR 2004.  
High toxic green color pigments at Bldg #132, Harvey Barracks

Projects are on-going in this respect. To some extent the investigation reports have been returned. During the next FY additional tests will be carried out on more than half of the sites to determine the extent of the contamination. Surveys were completed at one third of the sites in the FY 04.



Core drilling and installing monitoring well at Faulenberg Kaserne BLDG #241 to identify CHC contamination of laundry.

The Remedial Design (RD) Phase will commence once the *Feasibility Study Phase (RSFS)* is completed.

Some sites still had *Remedial Action (RA)* status in the FY. One of these projects is being negotiated with the authorities for closing down and one is close to being started with excavations.



Harvey Barracks Old TMP Excavation site 4th June 2004

Some of the former projects still have *Monitoring Status*. This implies that the groundwater has to be controlled frequently to check whether the remediation has been adequate or whether remediation will become necessary again in the future.



Groundwater sampling at Giebelstadt Airbase

#### UST and contaminated soil removal

A survey covering the abandoned UST in the 417th BSB has established contamination at 11 sites where former use or tank leakage has caused contamination. These tanks are to be removed together with the surrounding contaminated soil in future projects.

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Ribbon Cutting Ceremony 12th SEP 03 at HA BLDG #164